

Key Stage 4 Pathways 2023



A C A D E M Y
L A N G L E Y

Information Booklet and Course Overviews

This booklet contains:

- **Information about Key Stage 4 Pathways;**
- **Course Overviews.**

Email: pathways@q3langley.org.uk



Key Stage 4 Pathways

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- BTEC Performing Arts
- Level 1/2 Vocational Award in Hospitality and Catering

Dear Parents/ Carers,

It is an exciting time for Year 9 students at Q3 Academy Langley as they engage with their Key Stage 4 Pathways leading into Year 10 and 11. This year sees the widest range of Key Stage 4 courses ever offered, with a wide range of option subjects alongside English, maths, science, geography, history and MFL.

Timeline for Pathways 2023:

- **Thursday 2nd February:** Pathways Assembly for all students.
- **Thursday 2nd March:** Supported Learners Pathway Event (invite only).
- **Thursday 9th March:** Pathways Event for all Year 9 students, parents and carers 17:00-19:00.
- **Week beginning 13th March:** All students will be sent their Pathways Preference Form.
- **Friday 17th March:** Deadline for Pathways Preference Forms to be returned.
- **Week beginning 24th April:** Students will receive confirmation of their Pathways Preferences.

You may be aware that GCSEs have been reformed in recent years, with a 9-1 grading system replacing the old A*-G grading system. Below is a table showing a *general* comparison between the two systems:

New Reformed GCSE Grade	Legacy (Old) GCSE Grade
9	A**
8	A*
7	A
6	B+
5 (New Good Pass)	C+ to B
4 (New Standard Pass)	C
3	D
2	E
1	F-G

Also students will have the option to study vocational qualifications, including BTECs. These qualifications are graded from Distinction* to a Pass at Level 1 and 2 and have the same equivalence to GCSE grades, as shown:

BTEC Grade	Reformed GCSE Grade Equivalent
Level 2 Distinction*	8.5
Level 2 Distinction	7
Level 2 Merit	5.5
Level 2 Pass	4
Level 1 Distinction	3
Level 1 Merit	2
Level 1 Pass	1.25

Vocational qualifications are more practical than GCSEs, and are work-related in their design. Assessment is mostly coursework-based, with a smaller weighting to an external exam. Details of all qualifications are provided in this booklet, including an overview of topics studied, details of assessment, and links to the exam board.

If you have any queries, please email pathways@q3langley.org.uk.

Yours Faithfully,



Mr. Mills
Vice Principal

Pathways Overview

(In addition to accredited qualifications, all students will have a lesson of Core P.E each week and study Personal Social and Health Education, Careers and Religious Studies throughout the year, during Tutor Time and Ethos Week).

	Pathway 1	Pathway 2	Pathway 3
GCSE English Language and Literature	Yes	Yes	Yes
GCSE Maths	Yes	Yes	Yes
Science	Biology, Chemistry and Physics as separate GCSEs (Students on this Pathway will need to attend an extra lesson per week, in addition to the normal Academy day)	Trilogy– worth 2 GCSEs	Trilogy– worth 2 GCSEs
Humanities	Geography or History	Geography or History	Geography or History
Languages	French X-band/Spanish Y-band	French X-band/Spanish Y-band	No
Option Subjects	<p style="text-align: center;">Two subjects from:</p> <ul style="list-style-type: none"> • GCSE Art and Design (Fine Art) or GCSE Art and Design (Photography) • GCSE Business Studies or BTEC Enterprise • NCFE Music • GCSE Religious Studies • GCSE Computer Science or OCR Cambridge Nationals in Creative iMedia. • BTEC Performing Arts • OCR Cambridge Nationals Child Development • OCR Cambridge Nationals Sports Studies • BTEC Health and Social Care • BTEC Travel and Tourism • Level 1/2 Vocational Award in Hospitality and Catering • GCSE Geography* • GCSE History* <p>*All students study GCSE History or Geography- choosing one as an option allows students to study both subjects.</p>	<p style="text-align: center;">Two subjects from:</p> <ul style="list-style-type: none"> • GCSE Art and Design (Fine Art) or GCSE Art and Design (Photography) • GCSE Business Studies or BTEC Enterprise • NCFE Music • GCSE Religious Studies • GCSE Computer Science or OCR Cambridge Nationals in iMedia • BTEC Performing Arts • OCR Cambridge Nationals Child Development • OCR Cambridge Nationals Sports Studies • BTEC Health and Social Care • BTEC Travel and Tourism • Level 1/2 Vocational Award in Hospitality and Catering • GCSE Geography* • GCSE History* <p>*All students study GCSE History or Geography- choosing one as an option allows students to study both subjects.</p>	<p style="text-align: center;">Three subjects from:</p> <ul style="list-style-type: none"> • GCSE Art and Design (Fine Art) or GCSE Art and Design (Photography) • GCSE Business Studies or BTEC Enterprise • NCFE Music • GCSE Religious Studies • GCSE Computer Science or OCR Cambridge Nationals in iMedia • BTEC Performing Arts • OCR Cambridge Nationals Child Development • OCR Cambridge Nationals Sports Studies • BTEC Health and Social Care • BTEC Travel and Tourism • Level 1/2 Vocational Award in Hospitality and Catering • GCSE Geography* • GCSE History* <p>*All students study GCSE History or Geography- choosing one as an option allows students to study both subjects.</p>
Further Maths	<ul style="list-style-type: none"> • AQA Certificate Level 2 Further Maths is available as an additional subject with lessons held between 07:45-08:45 on a Monday and Friday. Please see the information page in the booklet for more details. 		

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE English Language and Literature
Exam Board/Code	AQA/Language – 8700; Literature - 8702
Assessment Overview (Inc. Length and % weighting)	Language – Paper 1 – 1hr 45 mins – 50% of Language GCSE; Language – Paper 2 – 1hr 45 mins – 50% of Language GCSE; Literature – Paper 1 – 1hr 45 mins – 40% of Literature GCSE; Literature – Paper 2 – 2hrs 15mins – 60% of Literature GCSE.
Course Overview	<p>GCSE English Language:</p> <ul style="list-style-type: none">• Reading and understanding Fiction and Non-Fiction Texts;• Analysing Language;• Analysing Structure;• Constructing Imaginative and Persuasive Writing.• Spoken Language presentation <p>GCSE English Literature:</p> <ul style="list-style-type: none">• Reading and understanding 19th Century Fiction (<i>A Christmas Carol</i>);• Reading and understanding Shakespeare (<i>Macbeth</i>);• Reading and understanding 20th Century prose (<i>An Inspector Calls</i>);• Reading, analysing, understanding and comparing Poetry (<i>Power and Conflict cluster & Unseen Poetry</i>).
Why should you study it?	<p>English Language and Literature is a compulsory part of your education – all students must take the subjects at GCSE. However, English is exceptionally important as it impacts on every subject you take – it is where you develop reading skills, where you develop your ability to construct responses, and where you develop your writing ability. For the rest of your life, your qualifications in English will be essential to you, regardless of your path after Year 11.</p> <p>Furthermore, English provides an opportunity to learn about the world as it is now, and as it was before, through the medium of great texts. By studying English, you will not only unlock opportunities in your life (and open more doors than any other subject), but you will become a thoughtful, interesting, intelligent and insightful person too!</p>
Key Contact	Mr. Singh – RSingh@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE Mathematics
Exam Board/Code	Pearson Edexcel/1MA1
Assessment Overview (Inc. Length and % weighting)	<p>There are two tiers available: Foundation and Higher. This will largely be determined by student performance in their lessons and assessments from years 7-9 and is at the discretion of the Curriculum Director. Students will be entered for the tier that is best for them. Please be aware that changing tier during the course becomes very disrupting to student and will only be considered if absolutely necessary.</p> <p>Foundation tier: Grades awarded are 1 to 5. Higher tier: Grades awarded are 4 to 9.</p> <p>Paper 1: Non-Calculator - 1hr 30 mins - External Examination – 33.33% Paper 2: Calculator - 1hr 30 mins – External Examination – 33.33% Paper 3: Calculator - 1hr 30 mins – External Examination – 33.33%</p>
Course Overview	<p>Foundation and Higher tier:</p> <ul style="list-style-type: none"> • Number: Structure and calculations; Fractions, decimal and percentages; Measures and accuracy. • Algebra: Notation, vocabulary and manipulation; Graphs; Solving equations and inequalities; Sequences. • Ratio, proportion and rates of change • Geometry and measures: Properties and constructions; Mensuration and calculation; Vectors. • Probability and statistics. <p style="text-align: center;"><i>Please note – content will vary depending on the tier.</i></p>
Why should you study it?	<p>Mathematics is a compulsory part of your education – all students must take this at GCSE because of how important it is to your future education and life.</p> <p>Not only will you develop your numeracy skills, but you will improve your analytical and problem-solving skills, and develop your ability to analyse and interpret data. It also helps to develop your logical thinking, which helps to tackle day-to-day issues such as planning projects, managing budgets and debating effectively. As a result, you will be articulate and adaptable. These skills are highly favoured and sought after by employers, so obtaining a good Mathematics result will be extremely beneficial to your future.</p> <p>There are many possible careers you could pursue with Mathematics, such as Accountancy, Architecture, Engineering, and Banking, to name just a few!</p>
Key Contact	Mr. Albon – DAlbon@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	Level 2 Further Mathematics
Exam Board/Code	AQA/8365
Assessment Overview (Inc. Length and % weighting)	<p>Two external examinations at the end of year 11. Grades are awarded 5 to 9.</p> <p>Paper 1 – Non-calculator – 1hr 45mins (80 marks) – 50%</p> <p>Paper 2 – Calculator – 1hr 45mins (80 marks) – 50%</p>
Course Overview	<p>Much of the content covered in this course overlaps with GCSE Mathematics but there are some completely new topics that students would not otherwise see until A-level or beyond.</p> <p>Students will cover a wide range of content within the following topic areas:</p> <ul style="list-style-type: none">• <i>Number;</i>• <i>Algebra;</i>• <i>Coordinate Geometry;</i>• <i>Calculus;</i>• <i>Matrix Transformations;</i>• <i>Geometry.</i>
Why should you study it?	<p>Further Mathematics is a unique qualification designed to stretch and challenge high-achieving mathematicians who are expected to achieve the top grades in GCSE Mathematics, or are likely to progress to study A-level Mathematics and possibly A-level Further Mathematics.</p> <p>Students will be introduced to AS level topics that will help them to develop skills in algebra, geometry, calculus, matrices, trigonometry, functions, and graphs, giving them a significant head start if they do go on to study mathematics at A-level.</p> <p>The course is entirely optional and should not be entered into lightly, as a large proportion of the work will need to be completed independently. However, students will be given all the resources they need to succeed, including their own AQA textbook and revision guide.</p> <p>Students are only guaranteed a place on this course if they are predicted to achieve a grade 8 or above in GCSE, but those predicted a grade 7 may apply, and will be considered on an individual basis.</p>
Key Contact	Dr. Lambert – LLambert@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE Combined Science (Trilogy)		
Exam Board/Code	AQA/8464		
Assessment Overview (Inc. Length and % weighting)	<p>Assessment Overview:</p> <p>Biology Paper 1 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p> <p>Biology Paper 2 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p> <p>Chemistry Paper 1 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p> <p>Chemistry Paper 2 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p> <p>Physics Paper 1 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p> <p>Physics Paper 2 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p>		
Course Overview	Biology	Chemistry	Physics
	<ul style="list-style-type: none"> • Cell Biology; • Organisation; • Infection and Response; • Bioenergetics; • Homeostasis and response; • Inheritance, Variation and Evolution; • Ecology 	<ul style="list-style-type: none"> • Atomic structure and the Periodic Table; • Bonding, Structure and the properties of matter; • Quantitative Chemistry; • Energy Changes; • Rate and extent of Chemical Change; • Organic Chemistry; • Chemical Analysis; • Chemistry of the atmosphere; • Using Resources. 	<ul style="list-style-type: none"> • Energy; • Electricity; • Particle model of matter; • Atomic Structure; • Forces; • Waves; • Magnetism and Electromagnetism.
Why should you study it?	<p>The ability to think scientifically is what sets the human race apart from all other species. Our ability to evaluate evidence and propose new theories has driven innovation throughout our history. In the modern world in which we live, the importance of being able to think scientifically is of paramount importance. A GCSE in Science not only equips students with the knowledge they need to understand the world around them, but it also develops the problem-solving skills needed to survive and thrive in a versatile range of future careers. This course provides a rigorous foundation in all three sciences that will allow students to go on to study Biology, Chemistry and Physics at A-level should they so choose.</p>		
Key Contact	Mr. Law – DLaw@q3langley.org.uk		

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE Separate Science		
Exam Board/Code	AQA/8461 (Biology); 8462 (Chemistry) ; 8463 (Physics)		
Assessment Overview (Inc. Length and % weighting)	<p>Assessment Overview: Biology Paper 1 - 1hr 45 min exam (100 marks) - worth 50% of the Biology GCSE Biology Paper 2 - 1hr 45 min exam (100 marks) - worth 50% of the Biology GCSE Chemistry Paper 1 - 1hr 45 min exam (100 marks) - worth 50% of the Chemistry GCSE Chemistry Paper 2 - 1hr 45 min exam (100 marks) - worth 50% of the Chemistry GCSE Physics Paper 1 - 1hr 45 min exam (100 marks) - worth 50% of the Physics GCSE Physics Paper 2 - 1hr 45 min exam (100 marks) - worth 50% of the Physics GCSE</p> <p><i>Students receive 3 separate GCSEs in Biology, Chemistry and Physics, rather than the two awarded in Combined Science.</i></p>		
Course Overview (Students study the same core content as Combined Science, but with additional content in each topic area)	Biology	Chemistry	Physics
	<ul style="list-style-type: none"> • Cell Biology; • Organisation; • Infection and Response; • Bioenergetics; • Homeostasis and response; • Inheritance, Variation and Evolution; • Ecology 	<ul style="list-style-type: none"> • Atomic structure and the Periodic Table; • Bonding, Structure and the properties of matter; • Quantitative Chemistry; • Energy Changes; • Rate and extent of Chemical Change; • Organic Chemistry; • Chemical Analysis; • Chemistry of the atmosphere; • Using Resources. 	<ul style="list-style-type: none"> • Energy; • Electricity; • Particle model of matter; • Atomic Structure; • Forces; • Waves; • Magnetism and Electromagnetism. • Space
Why should you study it?	<p>The Separate Science course is taught outside of the normal Academy hours. The sessions take place once per week after school, and they are compulsory to attend as part of the timetable. Separate Science is not an 'option' subject. Students who have shown consistently high attainment in Science may be invited to study Separate Science at GCSE, providing their Learning Consultants believe they will cope with the increased rigour and demand of this challenging GCSE.</p>		
Key Contact	Mr. Law – DLaw@q3langley.org.uk		

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE French
Exam Board/Code	AQA/8658
Assessment Overview (Inc. Length and % weighting)	<p>Assessment Overview: Paper 1- Listening – 35 mins (F) & 45 mins (H) - worth 25% of the overall GCSE Paper 2 – Speaking – 7-9 mins (F) & 10-12 mins (H) - worth 25% of the overall GCSE Paper 3 – Reading – 45 mins (F) & 1 hour (H) - worth 25% of the overall GCSE Paper 4 – Writing 1 hour (F) & 1 hour 15 (H) - worth 25% of the overall GCSE</p>
Course Overview	<p>GCSE French will cover the following topics:</p> <p><u>Topic 1: Identity and Culture</u></p> <ul style="list-style-type: none"> • Me, my family and friends; • Technology in everyday life; • Free-time activities; • Customs and festivals in French-speaking countries/communities. <p><u>Topic 2: Local, national, international and global areas of interest</u></p> <ul style="list-style-type: none"> • Home, town, neighbourhood and region; • Social issues; • Global issues; • Travel and tourism. <p><u>Topic 3: Current and future study and employment</u></p> <ul style="list-style-type: none"> • My studies; • Life at school/college; • Post-16 Education; • Jobs, career choices and ambitions.
Why should you study it?	<p>In a multicultural society, it is essential that students have the opportunity to be enlightened by what surrounds them in this increasingly connected world. The ability to learn a Modern Foreign Language is a skill that many other students of their age will not have, thus allowing our students to stand out from the crowd.</p> <p>Learning a language is difficult, yet one of the most rewarding things that you can do. If you speak a language fluently, you will never struggle for work. With a language, you are not limited to the jobs in your local area: you can apply for jobs anywhere in the world! Finally, students with a foreign language at GCSE statistically earn more money than students without this qualification.</p>
Key Contact	Miss Williamson – CWilliamson@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE Spanish
Exam Board/Code	AQA/8698
Assessment Overview (Inc. Length and % weighting)	<p>Assessment Overview: Paper 1- Listening – 35 mins (F) & 45 mins (H) - worth 25% of the overall GCSE Paper 2 – Speaking – 7-9 mins (F) & 10-12 mins (H) - worth 25% of the overall GCSE Paper 3 – Reading – 45 mins (F) & 1 hour (H) - worth 25% of the overall GCSE Paper 4 – Writing 1 hour (F) & 1 hour 15 (H) - worth 25% of the overall GCSE</p>
Course Overview	<p>GCSE Spanish will cover the following topics:</p> <p><u>Topic 1: Identity and Culture</u></p> <ul style="list-style-type: none"> • Me, my family and friends; • Technology in everyday life; • Free-time activities; • Customs and festivals in Spanish-speaking countries/communities. <p><u>Topic 2: Local, national, international and global areas of interest</u></p> <ul style="list-style-type: none"> • Home, town, neighbourhood and region; • Social issues; • Global issues; • Travel and tourism. <p><u>Topic 3: Current and future study and employment</u></p> <ul style="list-style-type: none"> • My studies; • Life at school/college; • Education Post-16; • Jobs, career choices and ambitions.
Why should you study it?	<p>In a multicultural society, it is essential that students have the opportunity to be enlightened by what surrounds them in this increasingly connected world. The ability to learn a Modern Foreign Language is a skill that many other students of their age will not have, thus allowing our students to stand out from the crowd. Learning a language is difficult, yet one of the most rewarding things that you can do. If you speak a language fluently, you will never struggle for work. With a language, you are not limited to the jobs in your local area: you can apply for jobs anywhere in the world! Finally, students with a foreign language at GCSE statistically earn more money than students without this qualification.</p>
Key Contact	Miss Williamson – CWilliamson@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE Geography
Exam Board/Code	AQA/8035
Assessment Overview (Inc. Length and % weighting)	Paper 1 – 1hr 30 mins – External Examination – 35% Paper 2 – 1hr 30 mins – External Examination – 35% Paper 3 – 1hr 15 mins – External Examination – 30%
Course Overview	<p><u>Unit 1 - Living With the Physical Environment:</u></p> <ul style="list-style-type: none">• The Challenge of Natural Hazards;• The Living World;• Physical Landscapes in the U.K. <p><u>Unit 2 - Challenges in the Human Environment:</u></p> <ul style="list-style-type: none">• Urban Issues and Challenges;• The Changing Economic World;• The Challenge of Resource Management. <p><u>Unit 3 - Geographical Applications:</u></p> <ul style="list-style-type: none">• Issue Evaluation;• Fieldwork and Geographical Skills.
Why should you study it?	<p>In a dynamic and often volatile world, having a good understanding of Geography is extremely important. Geography helps students to make sense of the world they live in, understand the complex relationships between people and the natural environment and gain an appreciation of the importance of sustainability. Geography helps students to develop a broad range of skills, including data analysis, numeracy and literacy. Geographers are employed in a wide range of industries including urban planning, environmental management, public services and the armed forces. Russell Group universities recognise the academic rigour of Geography, identifying it as a preferred facilitating subject for access to higher education.</p>
Key Contact	Miss Gilhooley– EGilhooley@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE History
Exam Board/Code	Edexcel/1H10
Assessment Overview (Inc. Length and % weighting)	Paper 1 - 1 hour and 15 minutes, 30% of the qualification Paper 2 - 1 hour and 45 minutes, 40% of the qualification Paper 3 - 1 hour and 20 minutes, 30% of the qualification
Course Overview	<p>GCSE History will cover the following topics:</p> <p><u>Thematic Study and Historic Environment</u></p> <ul style="list-style-type: none">• Medicine in Britain, c1250–present or Warfare and British society, c1250–present <p><u>Period Study and British Depth Study</u></p> <ul style="list-style-type: none">• Superpower relations and the Cold War, 1941–91;• Anglo-Saxon and Norman England, c1060–88. <p><u>Modern Depth Study</u></p> <ul style="list-style-type: none">• Weimar and Nazi Germany, 1918–39
Why should you study it?	<p>It is often said that one must understand one's past in order to appreciate the present and master the future. Studying History is an opportunity to not only investigate Britain's heritage, but to explore a diverse network of histories and experiences, from Anglo-Saxon England to the shadow of Hitler's Germany. This allows students to observe the world around them through the rich and varied lens of other people and develop a better appreciation of not only the ideas that have shaped our society, but the culture, economics and politics that dominate it.</p> <p>This course develops students' analysis and writing skills, encouraging them to be critical thinkers who can pick ideas apart. The emphasis on essay writing makes this a rigorous and academic choice that is respected by Russell Group universities. Moreover, the transferable skills gained through studying History mean that it opens doors to a host of possible careers, including Law, Accountancy and Politics.</p>
Key Contact	Mr. Dale – RDale@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE Art and Design (Fine Art or Photography)
Exam Board/Code	AQA/8202
Assessment Overview (Inc. Length and % weighting)	<p>Portfolio Project – Preparatory period followed by 10 hours of supervised time- 60%</p> <p>External set assignment Exam Paper - Preparatory period followed by 10 hours of supervised time- 40%</p>
Course Overview	<p><u>Component 1: Portfolio</u></p> <p>Each student must present a portfolio representative of their course of study. The portfolio must include:</p> <ul style="list-style-type: none"> • A sustained project developed in response to a subject, theme, task or brief; • A selection of further work resulting from activities such as trials and experiments; skills-based workshops; mini and/or foundation projects; responses to gallery, museum or site visits; work placements; independent study. <p><u>Component 2: Externally set assignment</u></p> <p>AQA will provide a separate externally set assignment for each title, each with seven different starting points. Students must select and respond to one starting point from their chosen title. A preparation is followed by 10 hours of supervised unaided work in which students are required to realise their intentions. Students must not undertake any further preparatory studies once the first period of supervised time starts.</p>
Why should you study it?	<p>From the minute we are born, we explore through visual and kinaesthetic learning. Art is used not only to express feelings and emotions, but can help to support mental wellbeing and provides a way to work in a more practical way whilst still developing cultural understanding. No matter what the definition of Art may be, it has been around us for as long as humans have existed (i.e. cave paintings, hieroglyphics). Whether or not we are aware of it, we allow art to affect our lives one way or another, and the reasons why we make art are many. We use art for our entertainment, cultural appreciation, aesthetics, personal improvement, and even social change. We use art in order to thrive in this world.</p> <p>“The earth without art is just eh.” - Demetri Martin</p>
Key Contact	Mrs. Wilson - HWilson@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE Business
Exam Board/Code	AQA/8132
Assessment Overview (Inc. length and % weighting)	<p>Paper 1: Influences of Marketing and Finance on Business Activity. Written examination: 1 hour 45 minutes – 50% of qualification.</p> <p>Paper 2: Influences of Operation and Human Resources on Business Activity. Written examination: 1 hour 45 minutes 50% of qualification.</p>
Course Overview	<p>The content is presented in six clear and distinct topic areas:</p> <p><u>Business Activity</u> - Learners understand the nature of business activity and how it is concerned with meeting the needs of customers by providing a product or service.</p> <p><u>Influences on Business</u> - Learners understand that all businesses operate in an external environment and there are a number of external influences that impact on business activity.</p> <p><u>Business Operations</u> - Learners understand that business operations are concerned with the efficient management of the key functions and resources within a business to maximise profit.</p> <p><u>Finance</u> - Learners need to understand that the finance function manages the financial activities of a business.</p> <p><u>Marketing</u> - Learners understand that marketing involves identifying, anticipating and satisfying customer needs in a profitable way.</p> <p><u>Human Resources</u> - Learners understand that human resources focus on the human function within a business.</p>
Why should you study Business GCSE?	<p>The world of Business is constantly changing, environments and contexts continually push Business founders and CEOs to be more creative in addressing these impactful chances. The way they operate continues to draw attention and the levels of scrutiny remain high. The sum of Business is far greater than simply its parts. All young people are stakeholders in society and as each individual enters the world of work, continues onto further education or even chooses to run their own business, all will take up their role in the global community.</p> <p>Business gives young people the skills to understand the inner workings of Businesses and the wider economy, something that all people should have if they are going to be successful in today's world.</p>
Key Contact	Mrs. Perrin – S.Perrin@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE Religious Studies A
Exam Board/Code	AQA/80620A
Assessment Overview (Inc. Length and % weighting)	Paper 1 – The Study of Religions: Christianity and Sikhism - 1hr 45 min exam- 50% Paper 2 – Thematic Studies - 1hr 45 min exam- 50%
Course Overview	<p>GCSE Religious Studies A will cover the following topics:</p> <p><u>Component 1: The Study of Religion</u></p> <ul style="list-style-type: none">• Christianity - Beliefs, teachings and practices;• Sikhism – Beliefs, teachings and practices. <p><u>Component 2: Thematic Studies</u></p> <ul style="list-style-type: none">• Theme B: Religion and Life;• Theme D: Peace and Conflict;• Theme E: Crime and Punishment;• Theme F: Human Rights and Social Justice.
Why should you study it?	<p>Religious Studies is a rigorous and demanding academic discipline in its own right. It engenders critical thinking and rigour in the search for truths in uncertain fields. It encourages philosophical thought, decision-making skills, collaboration and independent-working skills and the search for compromise and conflict resolutions that work. It creates opportunities for students to develop their skills of dialogue, interpretation and analysis in a coherent context. These are all vital skills in a modern workforce where communication, collaboration and cooperation are core skills. Religious Studies students learn to respect themselves and understand their own identity, to respect others, and to understand their own and others' rights and responsibilities. At a time when communities are becoming more diverse there is an even greater need for a more religiously literate and tolerant society. Religious Studies plays a key role in creating social cohesion and generating genuine understanding between communities reducing friction, intolerance and social unrest – something we value highly at Q3 Academy Langley.</p>
Key Contact	Miss Hawthorne – KHawthorne@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	GCSE Computer Science
Exam Board/Code	OCR – J277
Assessment Overview (Inc. Length and % weighting)	External Assessment – Paper 1 – 1 hr 30 mins – 50% External Assessment – Paper 2 – 1 hr 30 mins – 50%
Course Overview	<p><u>Paper 1 – J277/01: Computer systems</u> This component will assess:</p> <ul style="list-style-type: none">• 1.1 Systems architecture• 1.2 Memory and storage• 1.3 Computer networks, connections and protocols• 1.4 Network security• 1.5 Systems software• 1.6 Ethical, legal, cultural and environmental impacts of digital technology <p><u>Paper 2 – J277/02: Computational thinking, algorithms and programming</u> This component will assess:</p> <ul style="list-style-type: none">• 2.1 Algorithms• 2.2 Programming fundamentals• 2.3 Producing robust programs• 2.4 Boolean logic• 2.5 Programming languages and Integrated Development environments
Why should you study it?	<p>This exciting GCSE gives you an excellent opportunity to investigate how computers work and how they're used, and to develop computer programming and problem-solving skills. You'll also do some fascinating in-depth research and practical work. For example, some of the current investigations look at Python, encryption and assembly language programming.</p> <p>The course will help you learn about critical thinking, analysis and problem solving. We hope you'll find it a fun and interesting way to develop these skills, which can also be transferred to other subjects and even applied in day-to-day life.</p>
Key Contact	Mr. Khan – MKhan@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	NCFE – Level 1/2 Technical Award in Music Technology
Exam Board/Code	603/7008/7
Assessment Overview (Inc. Length and % weighting)	<ul style="list-style-type: none"> • Portfolio of evidence from the qualification - 60% • 1.5h exam – 40%
Course Overview	<p><u>Music Business</u></p> <ul style="list-style-type: none"> • Roles and jobs in the industry • The development of music technology <p><u>Using a DAW – coursework</u></p> <ul style="list-style-type: none"> • Understanding how the hardware and software components of a DAW work together. • Use a DAW to create a musical project. <p><u>Creating music – coursework</u></p> <ul style="list-style-type: none"> • Understanding the musical elements of different styles of music. • Composing a piece of music in a particular style. <p><u>Studio recording – coursework</u></p> <ul style="list-style-type: none"> • Understanding how equipment can be used effectively to record different musical instruments. • Plan and undertake a recording session. • Mix a multi-track recording. <p><u>Sound creation – coursework</u></p> <ul style="list-style-type: none"> • Different forms of media and how sound is created for them. • Create the sound for a chosen form of media.
Why should you study it?	<p>From the music we listen to, to the films we watch or games we play, sound is used to enhance our experience of everything. Would it not be wonderful to understand it and how it is done? This course enables the development of skills, knowledge and understanding of the music technology industry from many different angles.</p> <p>By gaining a Level 2 qualification in Music Technology, it could unlock doors into multiple careers – the skills you gain might help you in the music and sound industry, but they are also transferable to a wide range of careers. Why would you not choose music technology?!</p>
Key Contact	Mr. Stimpson– MStimpson@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	OCR Level 1/ 2 Child Development
Exam Board/Code	OCR Cambridge Nationals – R018, R019 and R020
Assessment Overview (Inc. Length and % weighting)	<p>R018: Health and well-being for child development (Mandatory Unit) - 1 hour and 15 minutes written paper (50%)</p> <p>R019: Understand the equipment and nutritional needs of children from birth to five years (Mandatory Unit) - Coursework (linked to practical) (25%)</p> <p>R020: Understand the development of a child from birth to five years (Mandatory Unit) - Coursework (linked to practical) (25%)</p>
Course Overview	<p>OCR Child Development will cover the following topics:</p> <ul style="list-style-type: none"> • Reproduction and the roles and responsibilities of parenthood; • Antenatal care and preparation for birth; • Postnatal checks, postnatal provision and conditions for development; • Childhood illnesses; • Child safety; • The key factors when choosing equipment for babies from birth to 12 months and one to five years; • Nutritional guidelines and requirements for children from birth to five years; • Feeding solutions for children from birth to five years; • Physical, intellectual and social developmental norms from birth to five years; • The benefits of learning through play; • Different play activities for a chosen developmental area with a child from birth to five years.
Why should you study it?	<p>Child Development gives the opportunity to develop applied knowledge and practical skills in child development. It is designed with both practical and theoretical elements, which will prepare students for further qualifications in Child Care, Health and Social Care, Psychology, Sociology and Biology.</p> <p>This subject will allow students to develop a range of transferable skills such as: creativity, communication skills, presentation skills, decision-making, monitoring skills whilst boosting their general confidence in how to support a child in their development.</p>
Key Contact	Miss Hanson – MHanson@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	OCR Level 1/ 2 Sports Studies
Exam Board/Code	OCR Cambridge Nationals - J829
Assessment Overview (Inc. Length and % weighting)	Contemporary Issues - 1 hour written paper (40%) Performance and Leadership in Sports Activities - Coursework (linked to practical) (30%) Sport in the Media- Coursework (30%)
Course Overview	<p>Contemporary Issues in Sports: Barriers to sports and sports participation; Values in sport; Performance Enhancing Drugs; Sporting Events; National Governing Bodies; Sports Funding.</p> <p>Performance and Leadership in Sports Activities: Analytical skills on sporting performance; Identifying strengths and weaknesses to performance; Coaching sessions and development. Leaders in sport; Values and attributes of leaders; Planning and delivering sports sessions.</p> <p>Sport in the Media: Know how sport is covered across the media; Understand positive effects that the media can have on sport; Understand negative effects that the media can have on sport; Understand the relationship between sport and the media; Be able to evaluate media coverage of sport.</p>
Why should you study it?	<p>Physical Education gives the opportunity to develop a range of transferable skills including: decision-making, psychological understanding of people, independent-thinking, problem-solving and analytical skills as well as thinking, acting and reacting under pressure.</p> <p>Through an introduction to all areas of Physical Education, you will receive a well-rounded and full introduction to this fascinating industry of Physical Education, physical activity and sport, which can open a range of possibilities for further study and also into careers associated with the subject.</p>
Key Contact	Miss Stockdale – NStockdale@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	Cambridge National in Creative iMedia.
Exam Board/Code	OCR/J834
Assessment Overview (Inc. Length and % weighting)	<p>R093: Creative iMedia in the media industry Written paper, OCR-set and marked out of 70 - 40% (Duration 1 hour 30 mins).</p> <p>R094: Visual identity and digital graphics Centre-assessed task, OCR moderated and marked out of 50 – 25% (Duration approx. 10 to 12 hours).</p> <p>R097: Interactive digital media Centre-assessed tasks, OCR moderated and marked out of 70 – 35% (Duration approx. 12 to 15 hours).</p>
Course Overview	<p>The qualification is made up of three units that everyone takes.</p> <p>Unit R093: Creative iMedia in the media industry This is assessed by taking an exam. In this unit you will learn about the media industry, digital media products, how they are planned, and the media codes which are used to convey meaning, create impact and engage audiences. Topics include:</p> <ul style="list-style-type: none"> o The media industry o Factors influencing product design o Pre-production planning o Distribution considerations <p>Unit R094: Visual identity and digital graphics This is assessed by completing a set assignment. In this unit you will learn how to develop visual identities for clients and use the concepts of graphic design to create original digital graphics to engage target audiences. Topics include:</p> <ul style="list-style-type: none"> o Develop visual identity o Plan digital graphics for products o Create visual identity and digital graphics <p>Unit R097: Interactive digital media This is assessed by completing a set assignment. In this unit you will learn how to plan, create and review interactive digital media products. Topics include:</p> <ul style="list-style-type: none"> o Plan interactive digital media o Create interactive digital media o Review interactive digital media
Why should you study it?	<p>You may be interested in this course if you want an engaging qualification where you will use your learning in practical, real-life situations, such as: developing visual identities for clients, planning and creating original digital graphics, planning, creating and reviewing original digital media products.</p> <p>This will help you to develop independence and confidence in using skills that would be relevant to the media industry.</p>
Key Contact	Mr. Khan – MKhan@q3langley.org.uk

Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	Edexcel Pearson BTEC Level 1/ 2 Tech Award in Enterprise
Exam Board/Code	603/7063/4
Assessment Overview (Inc. Length and % weighting)	<p><u>Component 1: Exploring Enterprises</u> Assessment: Coursework based - Internal with external moderation. Weighting: 30% of qualification.</p> <p><u>Component 2: Planning and Presenting a Micro Enterprise Idea</u> Assessment: Coursework based - Internal with external moderation. Weighting: 30% of qualification.</p> <p><u>Component 3: Marketing and Finance for Enterprise</u> Assessment: External examination. Weighting: 40% of qualification.</p>
Course Overview	<p>The content is presented as three distinct Components which cover a breadth of learning about Business.</p> <p><u>Component 1: Exploring Enterprises</u> Learners will understand: How and why enterprises and entrepreneurs are successful Customer needs and competitor behaviour through market research How the outcomes of situational analyses may affect enterprises</p> <p><u>Component 2: Planning and Presenting a Micro Enterprise Idea</u> Learners will generate two realistic ideas for a micro-enterprise and choose one of these to plan within budget. They will individually present their business plan for their idea and review the production and delivery of their presentation to make recommendations for improvements.</p> <p><u>Component 3: Marketing and Finance for Enterprise</u> Learners will explore how marketing is used by enterprises and the factors that influence how enterprises identify and target their market. Learners will complete financial documents and statements and explore how to use them to monitor and improve the performance of an enterprise in order to make decisions and recommend strategies for success.</p>
Why should you study it?	<p>Business is front page news. The way they operate continues to draw attention and the levels of scrutiny remain high. The sum of Business is far greater than simply its parts. All young people are stakeholders in society and as each individual enters the world of work, continues onto further education or even chooses to run their own business, all will take up their role in the global community.</p> <p>Business gives young people the skills to understand the inner workings of Businesses and the wider economy, something that all people should have if they are going to be successful in today's world.</p>
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Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	BTEC Tech Award in Health and Social Care Level 1/2
Exam Board/Code	Pearson - 603/0395/5
Assessment Overview (Inc. Length and % weighting)	<p>Component 1 – Human Lifespan Development – Internal Coursework (30%)</p> <p>Component 2 – Health and Social Care Services and Values – Internal Coursework (30%)</p> <p>Component 3 – Health and Well-being – External Exam (40%)</p>
Course Overview	<p><u>Human Lifespan Development:</u></p> <ul style="list-style-type: none"> - Human growth and development across life stages; - Factors affecting growth and development; - Different types of life events; - Coping with change caused by life events. <p><u>Health and Social Care Services and Values:</u></p> <ul style="list-style-type: none"> - Health and Social Care services; - Barriers to accessing services; - Care values; - Reviewing own application of care values. <p><u>Health and Well-being:</u></p> <ul style="list-style-type: none"> - Factors affecting health and well-being; - Physiological and lifestyle indicators; - Health and well-being improvement plans and obstacles to implementation.
Why should you study it?	<p>Rising demand for healthcare means that the NHS is treating more patients than ever before. Health and Social Care allows students to develop healthcare sector specific knowledge and skills in a practical learning environment covering three main areas (outlined above). Opportunities are therefore available for Health and Social Care students to pursue careers within the healthcare system, including: clinical support staff, such as donor carers; allied health professionals, such as radiographers and orthoptists; and specialist therapy staff, such as occupational therapists, speech therapists and art therapists.</p>
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Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	BTEC Tech Award in Travel and Tourism Level 1/2
Exam Board/Code	Pearson - 603/3038/7
Assessment Overview (Inc. Length and % weighting)	Component 1 – Travel and Tourism Organisations and Destinations – Internal Coursework (30%) Component 2 – Influences on Global Travel and Tourism – External Exam (40%) Component 3 – Customer Needs in Travel and Tourism (30%)
Course Overview	<p><u>Component 1 - Travel and Tourism Organisations and Destinations</u></p> <ul style="list-style-type: none">- Students will explore types of travel and tourism and the features that make destinations appealing to visitors. <p><u>Component 2 - Influences on Global Travel and Tourism</u></p> <ul style="list-style-type: none">- Students will examine the potential impacts of tourism at global destinations, and how destinations can manage the impacts of tourism and control tourism development to achieve sustainable tourism. <p><u>Component 3 - Customer Needs in Travel and Tourism</u></p> <ul style="list-style-type: none">- Students will apply their understanding by selecting products and services, and planning a holiday to meet customer needs and preferences.
Why should you study it?	<p>The travel and tourism sector is the UK's third-largest employer, accounting for 9.5% of total employment. It is one of the fastest growing sectors in the UK.</p> <p>There are endless opportunities that extend from the subject; a career in tourism can literally open up the world for you! As well as being a people-orientated industry, aspects of the skills developed will provide the opportunity to be creative and think on your feet, offering transferable skills across a range of industries.</p>
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Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	Pearson BTEC Level 1/Level 2 Tech Award in Performing Arts
Exam Board/Code	Pearson BTEC
Assessment Overview (Inc. Length and % weighting)	<ul style="list-style-type: none">• Exploring the Performing Arts – 30%• Developing Skills and Techniques in the Performing Arts – 30%• Responding to a Brief – 40%
Course Overview	<p>The internal assessment units allow for students to develop their understanding of professional practitioners' work, exploring the inter-relationship between pieces of existing performance material.</p> <p>They also provide students with a platform to develop their own skills for performance, developed through rehearsal. A key feature of this process is reflecting, reviewing and developing one's own performance. Performances can be in the role of performer or production.</p> <p>For the externally assessed unit, students will be given a brief for a workshop performance – they will need to use their understanding of wider practitioners, their own ability to select and apply skills that meet the requirements of the brief, and complete an exam-based assessed responding to questions drawn from the brief. Performances are recorded and externally assessed.</p>
Why should you study it?	<p>Drama and Performing Arts is at the absolute edge of creativity, fast becoming one of the most important currencies of the 21st Century. Within this course, the focus is really on developing your craft as a performer, and understanding of how performances are put together.</p> <p>This course is for those who have things they would like to express, but also for those who respect the ways in which ideas are communicated. In a world where everything is analysed, from words to presentation, wouldn't you like to be able to learn how to control how you come across? If you love Drama, this is the course for you – so much performance, creation and delivery.</p>
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Q3 Academy Langley – Pathways Information - Courses

Subject/Course Title:	Level 1/2 Vocational Award in Hospitality and Catering
Exam Board/Code	Eduqas - 5409
Assessment Overview (Inc. Length and % weighting)	Written examination – 80 marks – 1 hr 20 mins – 40% Controlled Assessment - 120 marks – 12 hours – 60%
Course Overview	<p><u>Written examination – The Hospitality and Catering Industry</u> The paper consists of 4 topics:</p> <ol style="list-style-type: none">1.1 Hospitality and catering provision.1.2 How hospitality and catering providers operate.1.3 Health and safety in hospitality and catering.1.4 Food safety in hospitality and catering. <p><u>Non-examined assessment – Hospitality and catering in action</u> Students will undertake a 12 hour Controlled Assessment. They will be provided with a scenario and will plan and cook a menu suitable for a specified type of customer.</p> <p>This unit consists of 4 topics:</p> <ol style="list-style-type: none">2.1 The importance of nutrition2.2 Menu planning2.3 The skills and techniques of preparation, cooking and presentation of dishes2.4 Evaluating cooking skills
Why should you study it?	<p>Hospitality and catering is a dynamic, vibrant and innovative vocational subject to study. The industry itself delivers vital jobs, growth and investment in the heart of our local communities.</p> <p>The sector is a major contributor to the UK economy, employing 2.9 million people and generating £130bn in economic activity. Hospitality is the 3rd largest private sector employer in the UK.</p> <p>This subject enables students to participate in a combination of theory and practical study; promoting creativity, independence and self-sufficiency, as well as broadening employability skills.</p>
Key Contact	Miss Bloor – SBloor@q3langley.org.uk